

The Electronic Structure of Ferricinium
Cation and of Other Aromatic Metal Com-
plexes, by E. M. Shustorovich, M. E.
Dyatkina.

RUSSIAN, per, Doklady Akademiyi Nauk SSSR,
Vol 133, No 1, 1960, pp 141-143.
SLA TT-66-10649

Sci-Chem
Jul 66

305,565

Differences in the Mechanism of Liquid and
Gaseous Phase Oxidation of Ethyl Alcohol, by
E. A. Blyumberg, G. E. Zaykov, Z. K. Mayzus,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXIII,
No 1, 1960, pp 144-147.

CB

149,211

Sci

Apr 61

The Effect of Water Vapor on the Interaction of Germanium and Oxygen by R. Kh. Burshtein, L. A. Larin, G. F. Voronina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1960, pp 148-151.

CB

Sci

149,213

Apr 61

T

Investigation of the Strength of C=O Bonds by Isotopic Exchange, by V. G. Vasilyev, 4 pp.
E.N. KHARLAMOVA.

С.Н. ПЕРВОНАЧАЛЬ,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 152-154.

CB

Sci

Apr 61

149,212

14/11/60

Adiabatic Theory for Electron Transfer Processes in Solution, by V. G. Levich, R. R. Dogonadze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1960, pp 158-161.

CB

Sci

Apr 61

149,214

1
Nature of the Current Fall on Polarographic Waves
Limited by a Preceding Chemical Reaction, by S.
G. Mairanovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 162-165.

CS

Sci

Apr 61

149,207

Electrical Properties of Inner Complexes, by
O. A. Osipov, and V. M. Artemova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 166-169.

CB

Sci

149,209

Apr 61

Kinetics of Electrode Processes on $\frac{1}{4}$ Silicon Electrode in Acid and Alkaline Solutions, E. N. Paleolog, K. S. Korotkova, N. D. Tomashov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1960, pp 170-173.

CB

Sci

Apr 61

149,208

Conditions for the Stability of a Plane
Solid-Liquid Interface During Crystalliza-
tion of a Binary Melt, by D. K. Tamkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 174-177.

CB

Sci

Apr 61

149,210

Investigating the Nature of Secondary Chemical
Bonds, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 178-181. 9670295

ATTC MCL-845/1

Sci - Chem

Jul 61

160, 802

The Macrorelief and Distribution of Certain
Minerals in the Trap Zone of Central Siberia, by
Ya. A. Galushko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 189-192

AGI

Sci

Aug 61

183,843

Silurian Deposits of the Chatkal Mountain Range,
by Ye. I. Zubitsov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 193-195.

AGI

Sci

Aug 61

Stratigraphy of Silurian Deposits in Southern Tien
Shan, by V. L. Leleshus, G. N. Menakova, A. I.
Lavrusovich, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 196-198.

AGI

Sci

Aug 61

The First Finding of a Nautiloid in the Dolomitized
Limestones of the Pechenga Series of the Kola
Peninsula, by V. V. Lyubtsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 199-201

AGI

Sci

Aug 61

163, 845

Regularities in the Distribution of the Hercynian
Granitic Intrusions of Central Kazakhstan, by T. V.
Perekalina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 202-204.

AGI

Sci

Aug 61

The Reaction of the Earth's Crust to the Load of
Continental Glaciers, by S. A. Ushakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 205-207.

AGI

Sci

Aug 61

New Data on the Petrographic Composition of the Alkaloid
Formation of Western Sayan, by I. P. Paley, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 203-210.

AGI

Sci

Aug 61

New Data on the Tertiary Floras of Kireyev Ravine on
the Ob River, by P. I. Dorofeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 211-213.

AGI

Sci

Aug 61

163,833

Myelinization of the Peripheral Nervous System
in the Amphibia, by V. L. Borovyagin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 214-217.

AIBS

Sci

Apr 61

149,235

The Effect of Soy Flour Fractions on Culture
Growth and on Biosynthesis of Streptomycin by
Actinomyces Streptomycini¹ Stain IS-1, by O.
Z. Grabovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 1, 1960, pp 218-220.

AIBS

Sci

Apr 61

149,227

Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1960, pp 221-224.

AIP
Sov Phys-Dok
Vol V, No 4

AIBS

Differences in Dichromatic Color Vision, by G. N.
Rautyan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 225-.

AIP
Sov Phys-Doklady
Vol V, No 4

Sci

Feb 61

Mevalonic Acid as a Precursor of Certain Plant
Polyisoprenes, by A. R. Guseva, V. A. Paseshnichenko,
M. G. Borikhina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, ~~4~~
1960, pp 228-229.

AIBS

Sci

Apr 61

Inhibition of Transamination in Rat Liver by Cysteine,
by S. R. Mardashev, Chao Ti'eng-rei, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1961,
pp 230-232.

AIRS

Sci

Apr 61

Coumarins of Chidium Dubium (Schkuhr.) Thell., by
V. T. Chernobay, D. G. Kolesnikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 233-.

AIBS

Sci

Apr 61

On the Extent of Isolation of the Stock of
Euphausiid Crayfish (Euphausiacea) in the Barents
Sea, by S. S. Drobysheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXIII,
No 1, 1960, pp 236-239.

AIBS

Sci

Apr 61

149,216

Permeability Change of the Blood-Brain Barrier
and Blood-Ophthalmic Barrier in Alcohol Intoxication,
by G. M. Butenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 240-242.

AIBS

Sci

149,223

Apr 61

Representation of the Vague^S in the Thalamus of the
Cat, by R. A. Durinyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 1, 1960, pp 243-245.

AIBS

Sci

149,225

Apr 61

The Action of Hexachlorobutadiene on Phylloxera of
the Vine, by L. M. Kogan, Ya. I. Prints, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1,
1960, pp 246-248.

AIBS

Sci

Apr 61

Vanag, G. Ya. and Yagat, R. A.
RÉACTION COLORÉE DE L'HYDRAZINE ET DES
COMPOSÉS LIBÉRANT CETTE DERNIÈRE (Colored
Reactions of Hydrazine and of Compounds Liberating It).

6p. 14 refs. FR-397.

Order from OTS, ETC or CNRS \$0.80 62-26515

Trans. in French from Akademiy Nauk SSSR, Doklady
1960, v. 133, no. 2.

DESCRIPTORS *Hydrazines, Hydantoina, *Colorimetric
analysis.

(Chemistry--Organic, TT, v. 10, no. 9)

62-26515

- I. Vanag, G. Ya.
- II. Yagat, R. A.
- III. F/R-397
- IV. Centre National de la
Recherche Scientifique,
Paris (France)

Office of Technical Services

The Asymptotics of the Error Probabilities for
Transmission of information Over a Channel Without
Memory With a Symmetrical Matrix for the Transition
Probabilities, by R. L. Dobrushin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
July 1960, pp 265-68.

Internet'l Phys Index
Automation Express
Vol III, No 4

Sci

Mar 61

141, 626

(NY-5043)

Some Transformations of the Markoff Processes, by
E. B. Dynkin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 269-272.

JPRS 9065

Sci - Math

Apr 61

147,882

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, p 296-298.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, p 299-.

AIP
Sov Phys-Dok
Vol V, No 4

(NY-5043)

The Existence of Oscillating Motions in the Three-Body Problem, by K. Sitnikov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
~~11 July~~ 1960, pp 303-306.

*JPRS

Sci - Space Research; Physics

23 Sep 60

Handwritten:
AIR
Sci. Phys. Div.
Vol 1, 1960

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 307-310.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, p 311-.

AtP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 315-317.

AIP
Sov Phys-Dok
Vol V, No 4

(NY-5043).

On the Flow of a Conducting Gas Past an Electrically-Charged Plate, by A. P. Kazantsev,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
~~11 July~~ 1960, pp 318-320.

*JPRS

Sci - Space-Research; Physics

23 Sep 60

May cancel
AIP
Sov Phys. Doklady
Vol 1, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 321-324.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 325-328.

AIP
Sov Phys-Dok
Vol V, No 4

The Causality Principle and the Second Law of
Thermodynamics, by Ya. P. Terletskiy, 1 p.

RUSSIAN, per, Dok Akad Nauk, Vol CXXXIII, No 2,
July 1960, pp 329-32.

HIP
Sov Phys-Dok
Vol V, No 4

Internatl Phys Index
Phys Express
Vol, III, No 4

Sci

Mar 61

141,751

Dok Ak Nauk SSSR, Voll CXXXIII, No 2, 1960, pp 333-336.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXVIII, No 2, 1960, p 337-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, p 341-344.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 345-348.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, p 349-.

AIP
Sov Phys-Dok
Vol V, No 4

Measurement of Insolation at the Surface of the Ocean
Between 64° S. Lat. and 60° N. Lat, by Yu. G. Ryskov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1960, pp 352-354.

AGI

Sci

Aug 61

Saponification of Tetraethylacetals of
 β -Dicarbonyl Compounds and Several
Ways to Use the Compounds Formed Thereby
by V. F. Kucherov, L. A. Yanovskaya, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, 1960,
Vol CXXXIII, No 2, pp 370-373
OTS TT-64-20167

Feb 67

318,680

Moliseyev, I. I., Vargaftik, M. N., and Syrkin, Ya. K.
MECHANISM OF THE REACTION OF PALLADIUM
SALTS WITH OLEFINS IN HYDROXYL-CONTAINING
SOLVENTS. [1961] 5p.
Order from ATS \$7.75

ATS-83N51R

Trans. of Akademiya Nauk SSSR. Doklady, 1960,
v. 133, no. 2, p. 377-380.

DESCRIPTORS: *Palladium compounds, Chlorides,
*Complex compounds, *Ethylenes, Hydroxides,
Chemical reactions, Acetals, Vinyl radicals, Synthesis

61-22609

- I. Moliseyev, I. I.
- II. Vargaftik, M. N.
- III. Syrkin, Ya. K.
- IV. ATS-83N51R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

NLL 14.35000

175320

Office of Technical Services

ND- RJ-3051
-(Chemistry--Organic, TT, v. 6, no. 3)

Anodic Dissolution of Germanium with a p-n
Junction, by O. G. Deryagina, E. N. Paleolog,
N. D. Tomashov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 388-391.

CB

EX Sci

Apr 61

149,203

^e
Electrochemical and Photoelectrochemical Be-
havior of the Silicon Electrode by S. U.
Izidinov, T. I. Borisova, V. I. Veselovskiy,
1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 392-395.

CB

Sci

Apr 61

149,205

The Operation of A ⁶Galvanic Cell With A Solid
Electrolyte Exhibiting Mixed Conductivity, by
E. V. Karpachev, S. F. Pal'gusev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 396-398.

CB

Sci

149,204

Apr 61

(NY-5043)

On the Mechanism of the Combustion of Powders,
by G. B. Manelia, A. G. Morzhanov, F. I.
Dubovitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 399, 400.

JPRS 9064

Sci - Chem

Apr 61

147,873

The Interaction Between a Microimpurity and the
Surface of Crystals, I. V. Melikhov, Chiu Hsiang-
Hsi, M. S. Merkulova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 401-404.

CB

Sci

Apr 61

149,206

Molecular Mechanism in the Deformations of Polymer
Substances, G. A. Patrikeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 405-408.

CB

Sci

Apr 61

149,199

Equilibrium Potentials of Zirconium in Mixed
Fluoride - Chloride Melts, by M. V. Smirnov,
V. E. Komarov, A. N. Baraboshkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 2, 1960, pp 409-412.

CB

Sci

Apr 61

149,201

(NI-SC-3)

Catalytic Decomposition of Hydrazine Over Nickel
Sulfide and Its Solid Solutions, by N. P. Keier,
Khuan Yu-Mei, S. Z. Roginskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2,
1960, pp 413-416.

JPRS 9066

Sci - Chem

Apr 61

147,883

Effect of Adsorption of Anions on the Discharge of
Hydrogen on Palladium and the Ionization of Hydro-
gen Dissolved in Palladium, by L. T. Shanina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 417-419.

CB

Sci

Apr 61

149,200

The Luminescence Spectra of Halocanthraquinones^c
Frozen in Solution, by D. N. Shigorin, N. A.
Shecheglova, N. S. Dolanikhin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 420-423.

CB

Sci

Apr 61

149,202

The Paramagnetic Resonance of Various Forms of
 α -Diphenyl - β -Picrylhydrazyl, by Yu. V.
Labolokov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, 424-426.

CB

Sci

Apr 61

149,195

A Contribution to the Study of the Yaya Level of
Siliceous Rocks in West Siberia, by M. G.
Gorbunov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 427-430

AGI

Sci

Aug 61

163, 844

Zaklinskaya, Ye. D.
THE SIGNIFICANCE OF THE POLLEN OF THE
ANGIOSPERMAE FOR THE STRATIGRAPHY OF THE
UPPER CRETACEOUS AND PALEOGENE. [1961] Sp.
Order from ATS \$9.85

ATS-35N40R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1960,
v. 133, no. 2, p. 431-434.

AGI

(Earth Sciences--Geology, TT, v. 5, no. 11)

61-22136

1. Paleocology
2. Pollen
- I. Zaklinskaya, Ye. D.
- II. ATS-35N40R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATC/KT-2823

158150

Office of Technical Services

A Contribution to the Biostratigraphic Description
of Tabulata and Heliolitidae of the Ordovician and
Silurian Deposits of the Siberian Platform, by B. S.
Sokolov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 435-437.

AGI

Sci

Aug 61

Stratigraphy of the Terrigenous Deposits of the
Lower Carboniferous of Northwest Bashkir, by G. I.
Teodorovich, M. V. Bagdasarova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1960, pp 438-441.

AGI

Sci

Aug 61

On the Correlation of the Terraces of the Lower and
Middle Volga with the Terraces of the Caspian, by
P. V. Fedorov, Yu. M. Vasilyev, 3 PP

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 442-445.

AGI

Sci

Aug 61

163, 839

Celestite from the Lower Permian Deposits of the
Donbas, by P. V. Zaritsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 446-449.

AGI

Sci

Aug 61

163,829

Comparative Mutagenic Effects of Ethylenimine,
Ultraviolet Rays and X-Rays, by Alikhanyan, N. I.
Zhdanova, 2 pp. S.I.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 454-456.

AIBS

Sci

Apr 61

The Effect of Reservoirs on the Downstream
Hydrological and Hydrochemical Regime of the River,
by I. K. Shelomov, M. K. Spichak, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 457-458.

AIBS

Sci

Apr 61

Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 459-461.

AIP
Sov Phys-Dok
Vol V, No 4

AIBS

Two Kinds of Radiational After-Effects in Barley
Seeds, by N. I. Shapiro, E. M. Bocharova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 462-.

AIP
Sov Phys- Doklady
Vol V, No 4

Sci

Mar 61

141.384

Composition of Deoxyribonucleic Acid in
Staphylococcus 209-P Variants Resistant and
Susceptible to Certain Antibiotics, by M. A. Gubernyev,
N. A. Ugoleva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 466-468.

AIBS

Sci

Apr 61

Changes in Flavonoids of the Tea Leaf During Drying,
by K. M. Dzhemukhadze, M. N. Nestyuk, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 469-471.

AIBS

Sci

Apr 61

On the Amino Acid Sequence of a Peptide From the
N-Terminal End of Pepsinogen, by L. A. Lokshina, V. N.
Orekhovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 472-475.

AIBS

Sci

Apr 61

153,071

Investigation of Oxidative Phosphorylation in Isolated
Mitochondria of Human Blood Platelets, by N. B.
Chernvak, Ch. S. Guseynov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 476-.

AIBS

Sci

Apr 61

153,073

The Dissymmetry of Plant Leaves and Flowers,
by Yu. A. Urmantsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 480-483.

AIBS

Sci

Apr 61

149,111

The Experimental Investigation of the Distribution
of Radioisotopes in Natural Biogeocoenoses, by
G. I. Mekhonina, I. V. Molchanova, E. W. Subbotina,
N. V. Timofeyev-Resovskiy, A. A. Titlyanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2
1960, pp 484-487.

AIBS

149,105

Sci

Apr 61

Reverse Trans to French
OTS 63-24006

The Question of the Migration of Radioactive
Strontium in Biogeocoenoses, by N. A. Timofeyev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 488-489.

AIBS

~~KXKX~~

Sci

Apr 61

149,107

Sur la Migration du Strontium Radioactif dans les
Biogeocenoses, by N. A. Timofeyeva, V. N. Soukatchev,
8 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 488-491. 9091238

REVERSE TRANS
CEA Tr R-1484

Sci
19 Sep 62

Differences in the Assimilation of Heart Hydrolyzates and Extracts by Organs and the Effect of these Preparations on Protein Synthesis in Normal Rats and After Injury to the Heart, by L. V. Polezhaev, V. L. Mant'yeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 492-495.

AIDS

149,239

Sci
Apr 61

On the Application of the Properties of the Regions
of Holomorphy to the Study of the Solutions of
Differential Equations, by V.S. Vladimirov.

RUSSIAN, per, Dok Ak Nk SSSR, Vol CXXXIII, No 3,
1960, pp 511-513

ASIA Tr Log No. 1151A

Sci - Math

May 61

151, 298

Pinsker, M. S.
THE ENTROPY, THE RATE OF ITS ESTABLISHMENT
AND THE ENTROPIC STABILITY OF GAUSSIAN
RANDOM QUANTITIES AND PROCESSES. [1963] [9]p.
6 refs.

Order from OTS or SLA \$1.10

63-18063

Trans. or Akademiya Nauk SSSR, Doklady, 1960,
v. 133, no. 3, p. 531-534.

DESCRIPTORS: *Entropy, *Statistical processes,
Stability, Measure theory, Mathematical analysis.

The entropic stability of gaussian random quantities and
properties as well as their entropy and rate of establish-
ment are defined and discussed. (Author)

(Mathematics, TT, v. 10, no. 9)

63-18063

I. Pinsker, M. S.

Office of Technical Services

The Cauchy-Poisson Problem for Waves of Finite Amplitude, by L. N. Sretenskiy, Ya. N. Sekerzh-Zen'kovich, 2 pp.

RUSSIAN; per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 544-.

AIP
Sov Phys-Doklady
Vol V, No 4

Sci

Feb 61

Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, p 547-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 550-553.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak. Nauk SSSR, Vol. CXXXIII, No 3, 1960, pp 554-557.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXVIII, No 3, 1960, pp 558-560.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 561-563.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXVIII, No 3, 1960, pp 564-567.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, p 568-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, p 572-.

AIP
Sov Phys-Dok
Vol V, No 4

Weinstein, F. M., and Shilov, E. A.
SIGNIFICANCE OF THE KINETIC ISOTOPE EFFECT
IN THE THEORY OF HYDROGEN SUBSTITUTION IN
AROMATIC SYSTEMS. [1962] [7]p. 17 refs.
Order from OTS or SLA \$1, 10 63-13722

Trans. of Akad[emiya] Nauk SSSR. (Doklady, 1960,
v. 133, no. 3, p. 581-584.

DESCRIPTORS: Amines, *Halogenation, *Isotopes,
*Reaction kinetics, Anilines, Benzoates, Sulfonates,
Methyl radicals, Hydrogen.

(Chemistry--Organic, TT, v. 10, no. 1)

63-13722

I. Weinstein, F. M.
II. Shilov, E. A.
III. Translations, New York

Office of Technical Services

Razuvayev, G. A., Latyayeva, V. N., and
Vyshinskaya, L. I.
SOME REACTIONS OF DICYCLOPENTADIENYLDI-
PHENYLTITANIUM. [1960] 4p.
Order from ATS \$5.75 ATS-64M46R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1960.
v. 134, no. 3, p. 612-614.

(Chemistry--Organic, TT, v. 5, no. 5)

61-12360

1. Titanium compounds
(Organic)--Chemical
reactions
- I. Razuvayev, G. A.
- II. Latyayeva V. N.
- III. Vyshinskaya, L. I.
- IV. ATS-64M46R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

^C
Electrochemical and Photo^Lelectrochemical Processes
on p- and n-Germanium at Cathodic Polarization, ^L
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 620-623.

CB

Sci

149,197

Apr 61

Fine Structure of the Rayleigh Scattering Line
in Solutions and Hypersonic Dispersion, by
L. V. Lashina, M. I. Shakhparonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 624-626.

CB

Sci

Apr 61

149, 196

Initiating Action of Nitrosyl Chloride in the
Oxidation of Propane, by Z. K. Mayzue, E. M.
Branlyel, 4 pp. ~~REDACTED~~

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 627-629.

CB

Sci

Apr 61

149,198

The Mechanism of the Influence of Small Quantities of
Added Electrolytes on the Strength of Crystalliza-
tion Hardened Structure, by E. E. Segalova, Z. N.
Markina, P. A. Rebinder, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 630-632

CB

Sci

149, 191

Apr 61

Stationary States of Dispersed Electrochemical
Systems and their Stability, by V. P. Smilga,
Yu. A. Chizmadzhev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 633-636.

CB

Sci

149,193

Apr 61

Dependence of Normal and Shearing Stressed Upon
the Value of Deformation at the Transition from the
Rest State to the Stationary Flow of a Gel of Alum-
inum ~~phosphate~~ ^{phosphate}, by A. A. Trapeznikov, A. S.
Morozov, and G. G. Petrzhik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 637-640.

CB

149,192

Sci
Apr 61

Chemical Adsorption on Pure NiS and
NiS Containing Additives, by
Yu-Mei Huang.

RUSSIAN, per, Akademiya Nauk SSSR.

Doklady, Vol 133, 1960, pp 641-644

NTC 72-11430-07D

CO

144, 194

June 72